

November Meetings

Dates & Times:

Matinee, 2:30, Wednesday, November 10
Evenings, 8:00 p.m., Wednesday and
Thursday, November 10 and 11

Place:

May Treat Morrison Auditorium

Speaker:

Dr. Sylvia A. Earle

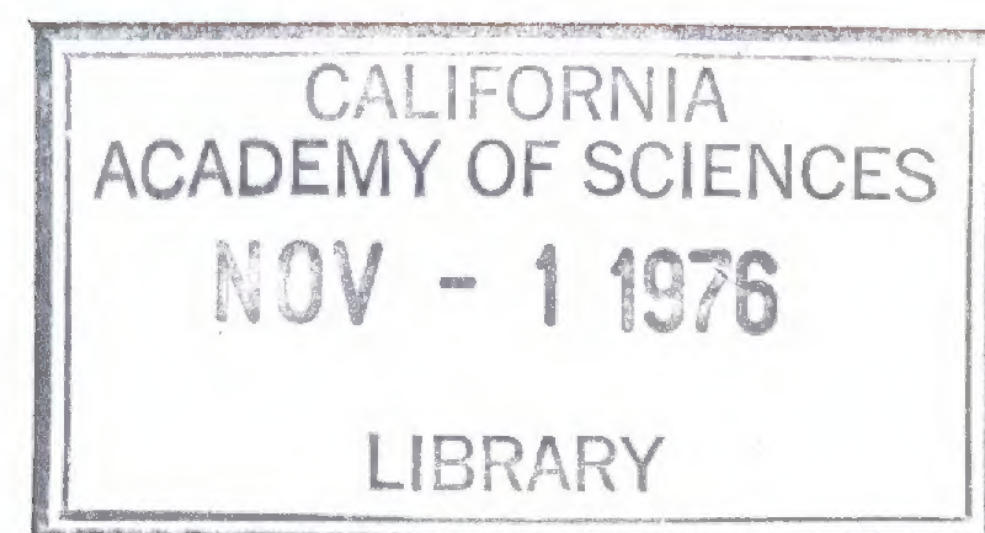
Subject:

"Life and Death in Truk Lagoon"

In the morning hours of February 17, 1944, a surprise air attack by the U.S. Navy ended when some sixty Japanese merchant vessels and warships were sent to the bottom of the Pacific at Truk, in the Caroline Islands. For over 30 years this graveyard of steel has lain in the calm waters of Truk Lagoon, creating the world's largest collection of artificial reefs.

Knowing the exact age of these man-made reefs is invaluable information to marine scientists in the study of growth rates and patterns of marine life that congregate there. Our meeting for November offers our members a chance to "dive" in the crystal clear waters of Truk Lagoon along with Dr. Sylvia Earle, well known marine botanist and author. Through the use of a two-screen slide show we will explore the abundant marine life supported on the masts, in the holds, in every nook and cranny of this spectacular reef.

As usual, your membership card admits you to the Academy through the Cowell Hall entrance. You may be asked to present your card at the auditorium door at the matinee.



Special Exhibits

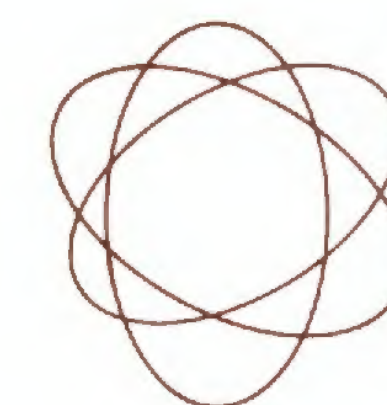
Sixth Annual Fungus Fair — This one day only event has become one of the most popular annual attractions at the Academy. Sponsored by the Mycological Society of San Francisco, row after row of mushrooms and other fungi will fill African Hall on Sunday, November 21 from 10 a.m. until 5 p.m. Experts will be on hand to identify the edible from the deadly, and give a name to specimens you might bring along.

"Yosemite" — Our famed national park in summer, fall, winter and spring, is presented in dramatic color photos loaned by the Los Medanos Camera Club. In Lower Cowell Hall Gallery.

Birger Anderson Collection of Eskimo Art — Many fine examples of soap stone carvings, Cape Dorset prints and artifacts bring the culture of the Eskimos to life. In Hohfeld Gallery.

Living Arts Program — Featured on Sunday, November 7 from 3 to 4 p.m. are Conservatory Players, Merrill Collins, Jerry LeClerc and Larry Ferrara in solos and duos on harpsicord, cello and guitar. For added comfort and enjoyment, bring your own pillow.

★ Morrison Planetarium



Laserium

Since the biblical days of Ezekiel there have been reports of UFO's. Even the great mind of Christopher Columbus was puzzled by a strange light on the horizon. But is every unexplained phenomenon proof of extraterrestrial life? The Morrison Planetarium offers other suggestions in its current program, **"UFO: Fact or Fantasy?"** We explain what belongs in the sky . . . meteors, bollides, satellites . . . and if there is still no satisfactory explanation, we'll tell you what to look for and where to report your sighting.

Presentations through November 21, at 2:00 p.m. daily, with extra weekend matinees at 12:30 and 3:30. Evening shows Wednesday and Thursday at 8:00.

Beginning November 26 is the 24th annual holiday program entitled, **"The Christmas Star"**.

This 3-D color laser light show set to music is wonderful entertainment for the entire family. If you haven't experienced Laserium, now is the time. Performances on Fridays at 7:30, 9:00 and 10:30; Saturdays at 4:45, 7:30, 9:00 and 10:30; Sundays at 4:45, 7:30 and 9:00. Admission is \$2.50 for all 4:45 shows and \$2.75 for all others. Tickets are available through all Bay Area Seating Service outlets. Remaining tickets go on sale at the planetarium box-office one-half hour before show time. Dial T-E-L-E-T-I-X for further information. Members are reminded that this is **not** a planetarium show **nor** are your membership tickets or passes usable for this attraction.

On the recommendation of its Science Council, the following were elected Fellows of the Academy in September:

Dr. George W. Barlow

University of California at Berkeley
Field of interest: Ichthyology

Dr. Brent Berlin

University of California at Berkeley
Field of interest: Anthropology

Mrs. Margaret Campbell

California Academy of Sciences
Field of interest: Archivist

Dr. Joan R. Clark

U.S. Geological Survey, Menlo Park
Field of interest: Geology

Dr. Sylvia Earle

California Academy of Sciences
Fields of interest: Botany and Aquatic Biology

Dr. James C. Kelley

San Francisco State University
Field of interest: Oceanography

Dr. John McCosker

California Academy of Sciences
Field of interest: Aquatic Biology

Dr. Michael Moratto

San Francisco State University
Field of interest: Anthropology

Mr. Edward F. Noack

Sacramento, California
Field of interest: Explorer

Dr. Dennis R. Parnell

California State University at Hayward
Field of interest: Botany

Dr. Donald W. Peterson

U.S. Geological Survey, Menlo Park
Field of interest: Geology

Dr. Jack Tomlinson

San Francisco State University
Field of interest: Zoology

Dr. John M. Tucker

University of California at Davis
Field of interest: Botany

Election to this body is in recognition of unusual attainments in science, or unusual interest in the advancement of science, particularly the work of the Academy. By charter, the number is limited to 300 persons who are elected for life.

Dr. F. Clark Howell, Professor of Anthropology at the University of California, Berkeley, was recently elected a member of the Board of Trustees at the CAS. A Fellow of the California Academy of Sciences, American Academy of Arts and Sciences, and the American Philosophical Society, Dr. Howell was awarded his Ph.D. in Anthropology from the University of Chicago. He was a professor and later Chairman of the department there before moving to the west coast in 1970.

Dr. Howell's interests in paleoanthropological studies have taken him around the world, and since 1970 he has been the Director of the U.S.A. contingent of the international Omo Research Expedition, Omo basin in southern Ethiopia. The Academy was fortunate to have Dr. Howell as the senior scientific consultant on two important and successful projects — the African Origins of Man room and the Early Man Wall in the new Wattis Hall of Man.

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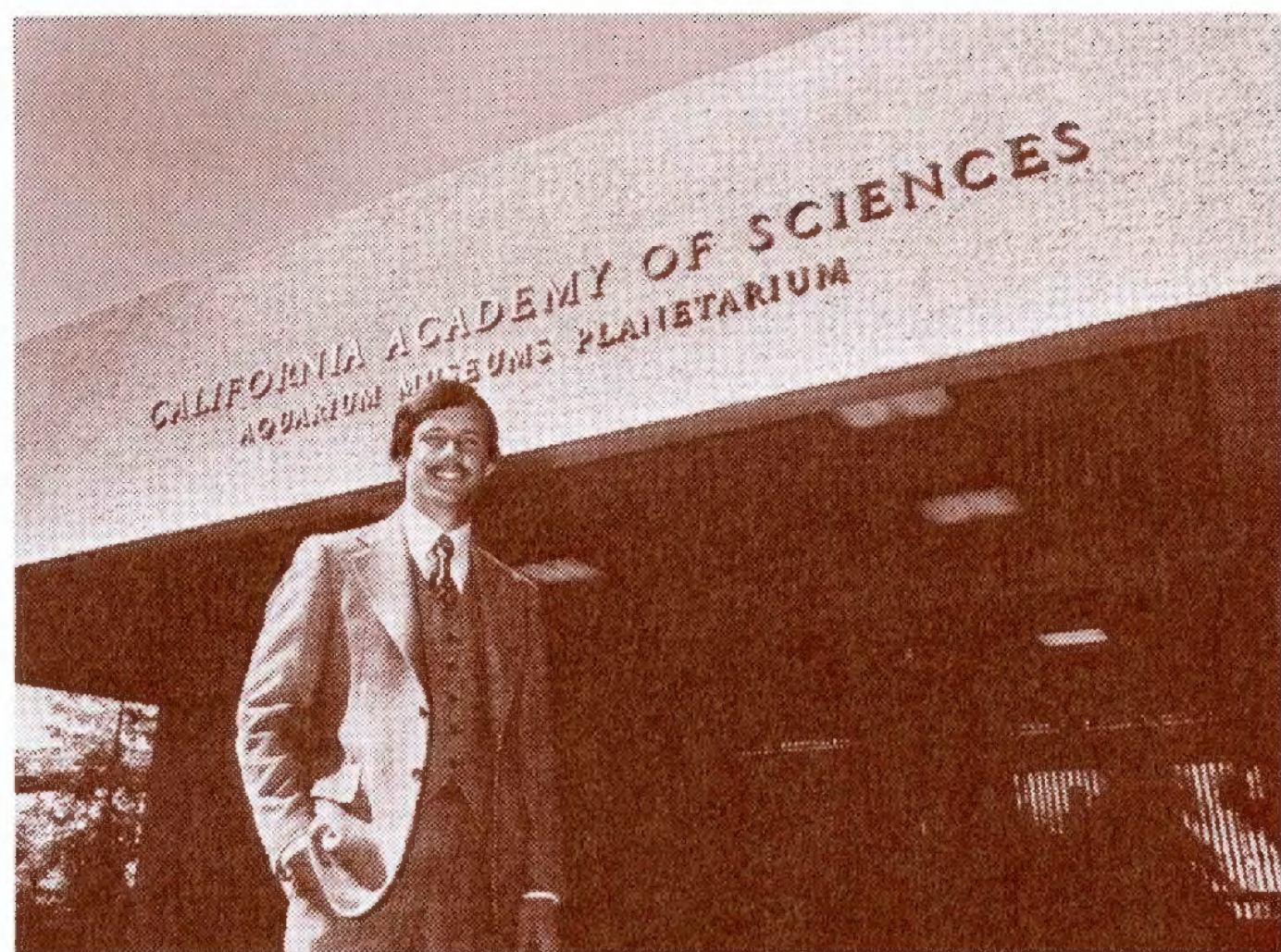
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George E. Lindsay, Director

In late September the Wattis Hall of Man literally came alive with the performances of four Australian Aborigines. For three afternoons hundreds of people poured into the new wing to listen and watch demonstrations of traditional dancing, didgeridoo playing and boomerang throwing, (yes, they DO come back!)



Meet the Staff



Mr. Christian Beattie, Assistant to the Director, began his new career at the CAS late this summer. Born in Massachusetts, Chris moved with his family to Palo Alto at an early age and lived there through high school at Cubberley, and four years of undergraduate work at Stanford. On a full scholarship in the NROTC program, Chris graduated in 1969 with an AB in History, and a four year commitment to the Navy. He trained at Pensacola, Florida before being transferred to Pt. Mugu, near Malibu, California. Flying helicopters and multi-engine aircraft, he served as a test pilot and search and rescue flyer. He still enjoys flying and hopes someday to find an old biwing plane . . . one that flies "low and slow".

In 1973, Chris began law school at Hastings, transferring a year later to Stanford Law School where he spent the next two years. He now awaits the results of the California Bar Examination which are due later this month.

Interested in museum management, Chris is now close to those subjects he finds so fascinating. He is an ardent collector of rocks, minerals and shells and has had a bent for the natural sciences since childhood. His interests in the sports world take him jogging 2 or 3 miles a day, to the ski slopes, tennis courts, and under the sea for scuba diving.

He has known his wife, Sue, since high school, and they now live in San Francisco with their 2 year old son, Scott.



Education and Travel Notes

A few spaces remain in the two classes scheduled to begin in November:

Ichthyology, November 4-January 20, Thursdays 7:30-9:30 p.m., \$40; and **Tideline Photography**, introduction November 5, 7:00-9:00 p.m.; field trips: November 7, November 20-21, December 4-5; plus 3 evaluation sessions, dates to be announced, \$85. Registration is being handled by the Education Office at the Academy. Telephone: 221-4214, Ext. 211.

Lagoons and Islands of the West Coast of Baja California:

January 19-26

This one week excursion to the coast and islands of Baja California has become an annual event of the Academy's travel program. Aboard the refitted **Qualifier 105** the traveler observes the abundant marine life of the coast highlighted by the California gray whale, migratory shorebirds and waterfowl. There will be opportunities to study plant life on Todos Santos, San Benitos, Cedros and San Martin Islands. The instructor-leaders are experts in specific fields of natural history. Limited to 30. Cost: Approximately \$575 from San Diego. For further information contact Nature Expeditions International, P.O. Box 1173, Los Altos, California 94022. Telephone: (415) 941-2910.

India and Nepal:

February 26-March 27

Visit India and Nepal next spring with the Academy! Dr. Laurence Binford, Chairman of the Department of Birds and Mammals, will lead a trip which will feature the abundant wildlife of the national parks and bird refuges as well as the magnificent culture of these ancient countries. Arrangements are being planned by Siemer and Hand, Ltd., One Embarcadero Center, San Francisco, California 94111. Telephone: (415) 788-7186. Cost, including land and air travel, lodging, about half the meals is \$2890 per person.

Guatemala:

March 5-24

Our trip will be a 19-day comprehensive tour, mostly by private car, led by Dr. and Mrs. Robert T. Orr. Featured will be the markets, the antiquities, and the interesting natural history of this beautiful land, which is again ready to receive visitors. Cost: approximately \$1990. Limited to 20. Contact Gulliver's Travel, 3597 Sacramento Street, San Francisco, California 94118. Telephone: (415) 346-4400 for further details.

The Scottish Highlands and Islands:

May 21-June 4

Scotland is immensely rich in history, scenery and wildlife. The 14-day trip will be very rewarding to the birdwatcher, the photographer and the traveler who enjoys history and unspoiled country. The tour will include the Shetland Islands, the Island of Skye, the Inner Hebrides, plus a five-day study of the highlands of the Scottish mainland. The leader will be John Lister Kaye of Highland Wildlife Enterprises, a naturalist who provided excellent leadership for this trip in 1975. Limited to 15. Land cost: approximately \$1060. For further information contact Gulliver's Travel, 3597 Sacramento Street, San Francisco, California 94118. Telephone: (415) 346-4400.

Advance Notice of Monthly Meetings:

December 15 and 16: "On the Trail of Genghis Khan", by Dr. Robert T. Orr. (Note the change in date for the December meetings.)

January 12 and 13: "Winter on the High Peaks of the Great Basin", by Galen Rowell.

New Members of the Academy

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